

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) In an aerial work apparatus having a boom mounted with respect to a mobile chassis, a aerial work platform attached with respect to the distal end of the boom, and a platform control module mounted with respect to the platform for controlling the position of the platform and movement of the chassis, the improvement comprising at least one material-handling device mounted with respect to the platform and the platform comprising a rail support frame attached with respect to the boom, the rail support frame defining a boom side and an outer side and having at least one substantially horizontal rail extending from a first end to a second end of the frame, and a work basket removably mounted to the rail support frame and supported upon the rail, the rail support frame being adapted to receive the work basket on either the boom side or outer side.
2. (Original) The aerial work apparatus of claim 1 wherein the material-handling device is a dual winch device having first and second winch assemblies and a winch control module.
3. (Withdrawn) The aerial work apparatus of claim 1 wherein the material-handling device is a fork lift device.
4. (Original) The aerial work apparatus of claim 1 wherein two material-handling devices are mounted with respect to the platform.
5. (Withdrawn) The aerial work apparatus of claim 4 wherein the first material-handling device is a dual winch device and the second material-handling device is a fork lift device.

6. Cancelled

7. (Currently Amended) The aerial work apparatus of claim 1 [[6]] wherein the work basket is a front basket mounted on the outer side of the rail support frame.

8. (Previously Presented) The aerial work apparatus of claim 7 wherein the material-handling device is at least two material support feet slidably attached to the front basket such that the feet are free to extend outward in front of the basket.

9. (Original) The aerial work apparatus of claim 7 wherein the material-handling device is a dual winch device having first and second winch assemblies and a winch control module, thereby facilitating leveling of substantially horizontally disposed loads.

10. (Original) The aerial work apparatus of claim 9 wherein each winch assembly has a winch-support, the winch-support having at least an upper winch-support member slidably disposed with respect to a lower winch-support member, whereby the operational height of the winch assembly can be raised and lowered.

11. (Original) The aerial work apparatus of claim 9 wherein each winch assembly has a winch-jib, the winch-jib having at least an outer winch-jib member slidably disposed with respect to an inner winch-jib member, whereby the operational extension of the winch assembly can be extended and retracted.

12. (Original) The aerial work apparatus of claim 9 wherein the first and second winch assemblies are mounted at opposite ends of the rail support frame.

13. (Original) The aerial work apparatus of claim 12 wherein the dual winch device is permanently attached to the rail support frame.

14. (Previously Presented) The aerial work apparatus of claim 9 further comprising at least two material support feet, the support feet being slidably attached to the front basket such that the feet are free to extend outward in front of the basket.

15. (Withdrawn) The aerial work apparatus of claim 6 wherein the work basket is a back basket mounted on the boom side of the rail support frame.

16. (Withdrawn) The aerial work apparatus of claim 15 wherein the material-handling device is a fork lift device having tines projecting from the outer side of the rail support frame.

17. (Withdrawn) The aerial work apparatus of claim 16 wherein the fork lift device is removably mounted to the outer side of the rail support frame.

18. (Withdrawn) The aerial work apparatus of claim 15 wherein the material-handling device is a dual winch device having first and second winch assemblies and a winch control module, thereby facilitating leveling of substantially horizontally disposed loads.

19. (Withdrawn) The aerial work apparatus of claim 17 further comprising a dual winch device.

20. (Currently Amended) In an aerial work apparatus having a boom mounted with respect to a boom base and a aerial work platform attached with respect to the distal end of the boom, the improvement comprising at least two material-handling devices, and a platform control module adapted to control the position of the platform mounted with respect to the platform, the platform control module being adapted to control the position of the platform, and the platform comprising a rail support frame attached with respect to the boom, the rail support frame defining a boom side and an outer side and having at least one substantially horizontal rail extending from a first end to a second end of the frame, and a work basket removably mounted to the rail support frame and supported upon the rail, the rail support frame being adapted to receive the work basket on either the boom side or outer side..

21. (Original) The aerial work apparatus of claim 20 wherein one material-handling device is a dual winch device having first and second winch assemblies and a winch control module, thereby facilitating leveling of substantially horizontally disposed loads.

22. (Original) The aerial work apparatus of claim 21 wherein each winch assembly comprises:

- a winch-support, the winch-support having at least an upper winch-support member slidably disposed with respect to a lower winch-support member, whereby the operational height of the winch assembly can be raised and lowered; and
- a winch-jib, the winch-jib having at least an outer winch-jib member slidably disposed with respect to an inner winch-jib member, whereby the operational extension of the winch assembly can be extended and retracted.

23. (Previously Presented) The aerial work apparatus of claim 30 wherein the first and second winch assemblies are mounted at opposite ends of the rail support frame.

24. (Original) The aerial work apparatus of claim 21 wherein the dual winch device is permanently attached to the platform.

25. (Withdrawn) The aerial work apparatus of claim 20 wherein one material-handling device is a fork lift device having tines projecting from the outer side of the platform.

26. (Withdrawn) The aerial work apparatus of claim 25 wherein the fork lift device is removably mounted to the platform.

27. (Previously Presented) The aerial work apparatus of claim 20 wherein one material-handling device is at least two material support feet slidably attached to the platform such that the feet are free to extend outward in front of the platform.

28. Cancelled

29. (Currently Amended) The aerial work apparatus of claim 20 ~~28~~ wherein the work basket is a front basket mounted on the outer side of the rail support frame.

30. (Original) The aerial work apparatus of claim 29 wherein one material-handling device is a dual winch device having first and second winch assemblies and a winch control module, thereby facilitating leveling of substantially horizontally disposed loads.

31. (Previously Presented) The aerial work apparatus of claim 29 wherein one material-handling device is at least two material support feet slidably attached to the front basket such that the feet are free to extend outward in front of the basket.

32. (Withdrawn) The aerial work apparatus of claim 28 wherein the work basket is a back basket mounted on the boom side of the rail support frame.

33. (Withdrawn) The aerial work apparatus of claim 32 wherein one material-handling device is a fork lift device having tines projecting from the outer side of the rail support frame.

34. (Withdrawn) The aerial work apparatus of claim 33 wherein the fork lift device is removably mounted to the outer side of the rail support frame.

35. (Withdrawn) The aerial work apparatus of claim 32 wherein one material-handling device is a dual winch device having first and second winch assemblies and a winch control module, thereby facilitating leveling of substantially horizontally disposed loads.

36. (Withdrawn) In an aerial work apparatus having a boom mounted with respect to a boom base and a aerial work platform attached with respect to the distal end of the boom, the improvement comprising a dual winch device mounted with respect to the platform, the device having first and second winch assemblies and a material control module.

37. (Withdrawn) The aerial work apparatus of claim 36 wherein each winch assembly comprises:

- a winch-support, the winch-support having at least an upper winch-support member slidably disposed with respect to a lower winch-support member, whereby the operational height of the winch assembly can be raised and lowered; and
- a winch-jib, the winch-jib having at least an outer winch-jib member slidably disposed with respect to an inner winch-jib member, whereby the operational extension of the winch assembly can be extended and retracted.

38. (Withdrawn) The aerial work apparatus of claim 37 wherein the dual winch device is permanently attached to the platform.

39. (Withdrawn) In an aerial work apparatus having a boom mounted with respect to a boom base and a aerial work platform attached with respect to the distal end of the boom, the improvement comprising:

- a fork lift device mounted with respect to the platform; and
- a platform control module mounted with respect to the platform for controlling the position of the platform.

40. (Withdrawn) The aerial work apparatus of claim 39 wherein the fork lift device is removably mounted to the platform.

41. (Withdrawn) In an aerial work apparatus having a boom mounted with respect to a boom base and a aerial work platform attached with respect to the distal end of the boom, the improvement wherein the platform comprises:

- a rail support frame attached with respect to the boom, the rail support frame having a boom side, an outer side, and at least one substantially horizontal rail extending from a first end to a second end of the frame; and
- a work basket removably mounted to the rail support frame and supported upon the rail.

42. (Withdrawn) The aerial work apparatus of claim 41 wherein the work basket is a front basket mounted on the outer side of the rail support frame.

43. (Withdrawn) The aerial work apparatus of claim 42 further comprising at least two material support feet slidably attached with respect to the front basket such that the feet are free to extend outward in front of the basket.

44. (Withdrawn) The aerial work apparatus of claim 42 further comprising a dual winch device mounted with respect to the platform, the device having first and second winch assemblies mounted at opposite ends of the rail support frame and a material control module.

45. (Withdrawn) The aerial work apparatus of claim 41 wherein the work basket is a back basket mounted on the boom side of the rail support frame.

46. (Withdrawn) The aerial work apparatus of claim 45 further comprising a fork lift device having tines projecting from the outer side of the rail support frame.

47. (Withdrawn) The aerial work apparatus of claim 46 wherein the fork lift device is removably mounted to the outer side of the rail support frame.

48. (Previously Presented) An aerial work apparatus of the type having a boom mounted with respect to a mobile chassis and a aerial work platform attached with respect to the distal end of the boom, the aerial work apparatus comprising:

- a platform control module mounted with respect to the platform for controlling the position of the platform and movement of the chassis; and
- at least one material-handling device mounted with respect to the platform.

49. (Previously Presented) The aerial work apparatus of claim 48 wherein the platform comprises:

- a rail support frame attached with respect to the boom, the rail support frame having at least one substantially horizontal rail extending from a first end to a second end of the frame; and
- a work basket removably mounted to the rail support frame and supported upon the rail.

50. (Previously Presented) The aerial work apparatus of claim 49 wherein the material-handling device is a dual winch device having first and second winch assemblies and a winch control module, the first and second winch assemblies being mounted at opposite ends of the rail support frame.

51. (Previously Presented) The aerial work apparatus of claim 49 wherein the material-handling device is at least two material support feet slidably attached to the work basket and wherein the work basket is a front basket mounted on the outer side of the rail support frame such that the feet are free to extend outward in front of the basket.

52. (New) The aerial work apparatus of claim 1 wherein the platform control module is slidably mounted to the rail support frame such that the platform control module is free to move from the outer side to the boom side.